



PATENT / DOCKET NO.: 24061.100  
CUSTOMER NO. 27683

**INVENTOR'S DECLARATION FOR  
PATENT APPLICATION**

As below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

**A MECHANISM FOR INTER-FAB MASK PROCESS MANAGEMENT**

the specification of which: (check one)

X is attached hereto.

\_\_\_\_\_ was filed on \_\_\_\_\_  
under Attorney's Docket Number \_\_\_\_\_  
as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

\_\_\_\_\_ (Application Number)

\_\_\_\_\_ (Filing Date)

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign applications for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT

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international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Claimed

Birgie kuo

FULL NAME OF INVENTOR: Birgie Kuo

INVENTOR'S SIGNATURE: Birgie kuo DATED: 09/02/2003

RESIDENCE: No.32, Lane 102, Sihwei St. Yongkang City, Tainan County 710, Taiwan,

CITIZENSHIP: Taiwan, R.O.C.

R.O.C.

POST OFFICE ADDRESS:

Taiwan Semiconductor Manufacturing Co., LTD  
No.8, Li-Hsin Rd. 6, Science-Based Industrial Park  
Hsin-Chu, Taiwan 300-77, R.O.C.

RS1536



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of § Attorney Docket No.: 24061.100  
Kuo §  
§  
§  
Serial No. Unknown § Customer No. 27683  
§  
§ Filed: Herewith § Group Art Unit: Unknown  
§  
For: A MECHANISM FOR INTER-FAB MASK § Examiner: Unknown  
PROCESS MANAGEMENT §

Commissioner for Patents  
Washington, D.C. 20231

POWER OF ATTORNEY FOR PATENT APPLICATION

As a representative of the Assignee, Taiwan Semiconductor Manufacturing Company, Ltd., I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

David L. McCombs (Reg. No. 32,271); Jeffrey M. Becker (Reg. No. 35,442); James R. Bell (Reg. No. 26,528); Timothy F. Bliss (Reg. No. 50,925); Randall C. Brown (Reg. No. 31,213); Randall E. Colson (Reg. No. 40,566); Michael A. Davis, Jr. (Reg. No. 35,488); Andrew S. Ehmke (Reg. No. 50,271); Priscilla Ferguson (Reg. No. 42,531); Sarah T. Harris (Reg. No. 35,891); William E. Hickman (Reg. No. 46,771); Rita M. Irani (Reg. No. 31,028); Warren B. Kice (Reg. No. 22,732); J. Andrew Lowes (Reg. No. 40,706); Todd Mattingly (Reg. No. 40,298); John Montgomery (Reg. No. 31,124); Julie Nickols (Reg. No. 50,826); Gloria Norberg (Reg. No. 36,706); David M. O'Dell (Reg. No. 42,044); Richard V. Wells (Reg. No. 53,757).and Chien Wei Chou (Reg. No. 41,672).

Please address all correspondence and telephone calls regarding this application to:

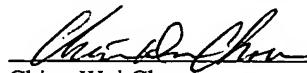
David M. O'Dell  
Attorney for Applicants  
Haynes and Boone, LLP  
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972-739-8635

The undersigned is the representative for the Assignee of the entire right, title, and interest in the patent application identified above. A copy of the assignment or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is authorized to act on behalf of the Assignee.

Taiwan Semiconductor Manufacturing, Inc.

Sept. 5, 2003  
Date

  
Chien-Wei Chou  
Title: Director, IP Division

## ASSIGNMENT

WHEREAS, I,

Birgie Kuo of No. 32, Lane 102, Sihwei Street  
Yongkang City, Taiwan County 710  
Taiwan, ROC

have invented certain improvements in

## A MECHANISM FOR INTER-FAB MASK PROCESS MANAGEMENT

for which I have executed an application for Letters Patent of the United States of America, of even date herewith; and

WHEREAS, Taiwan Semiconductor Manufacturing Company, Ltd., ("TSMC"), No. 8, Li-Hsin Rd. 6, Science-Based Industrial Park Hsin-Chu, Taiwan 300-77, Republic of China. is desirous of obtaining the entire right, title, and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said TSMC, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and I hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said TSMC, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to said TSMC, its successors, legal representatives and assigns, any facts known to me respecting said

invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said TSMC, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

First Inventor Name: Birgie Kuo  
Residence Address:

Dated: 10/6/2003

Birgie kuo  
Inventor Signature

Dated: \_\_\_\_\_

Witness Signature  
Witness Name: \_\_\_\_\_

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